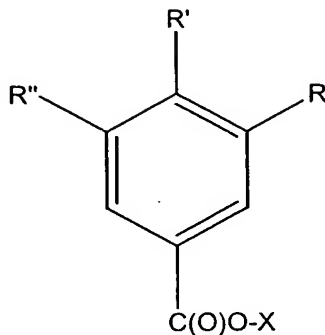


CLAIMS:

1. An oral care composition comprising a compound of Formula (1)



Formula (1),

wherein R is either OH or Cl, R' is either H or OH and R'' is either OH or H, wherein X is either a substituted or unsubstituted, straight chain or branched alkyl group having from 2 to 16 carbon atoms.

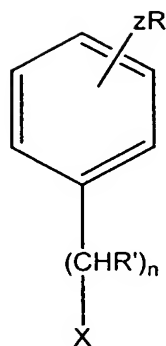
2. Composition according to claim 1, wherein in Formula (1) R is Cl, R' is OH and R'' is H.

3. Composition according to claim 1 wherein the alkyl group has from 5 to 12 carbon atoms, more preferably 6 to 10 and most preferably 8 carbon atoms.

4. Composition according to claims 1, wherein the alkyl group is straight chain, unsubstituted octyl group.

5. Oral care composition comprising a compound of Formula (2)

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Formula (2),

5 wherein:

R is a group independently selected from the group consisting of: H, F, Cl, Br, -OH, C₁₋₅ alkyl, -C(O)H, -C(O)C₁₋₅ alkyl, -OCH₃, -C₂H₅, -NH₂, -NHC(O)CH₃ and C(O)OC₁₋₆ alkyl and z is from 1 to 5;

10

R' is selected from the group consisting of: H, -OH, F, Cl, Br, I, and C₁₋₆ alkyl and n is an integer of from 0 to 12;

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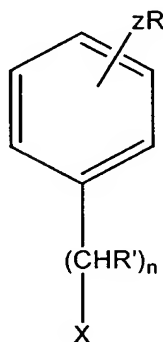
wherein X is -C(O)-R'' and R'' is -C₁₋₁₆ alkyl or -CH₂C₆H₆.

6. Oral care composition according to claim 5, wherein R'' is a substituted or unsubstituted branched or straight chain hydrocarbon moiety comprising from 1 to 16 and especially from 5 to 10 carbon atoms.

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7. Composition according to claim 5, wherein R'' is n-octyl.
8. Composition according to claim 5, wherein R' is
 5 independently selected from the group consisting of: H, -OH, F, Cl, Br, I, and C₁-C₆ alkyl.
9. Composition according to claim 5, wherein R' is OH.
- 10 10. Oral care composition comprising a compound of Formula
 (3)



15

Formula (3),

wherein:

- 20 R is a group independently selected from the group consisting of: H, F, Cl, Br, -OH, C₁₋₅ alkyl, -C(O)H, -C(O)C₁₋₅ alkyl, -OCH₃, -C₂H₅, -NH₂, -NHC(O)CH₃ and C(O)OC₁₋₆ alkyl and z is from 1 to 5;

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R' is selected from the group consisting of: H, -OH, F, Cl, Br, I, and C₁-C₆ alkyl and n is an integer of from 0 to 12;

5 wherein X is -SO₂NH-R'' and R'' is -C₁₋₁₆ alkyl or -CH₂C₆H₆.

11. Oral care composition according to claim 10, wherein R'' is a substituted or unsubstituted branched or straight
10 chain hydrocarbon moiety comprising from 1 to 16 and especially from 5 to 10 carbon atoms.

12. Oral care composition according to claim 10, wherein R'' is a straight chain alkyl.

15 13. Oral care composition according to claim 10 where R'' is n-octyl.

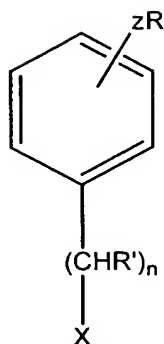
14. Oral care composition according to claim 10, wherein R
20 is Cl or OH.

15. Oral care composition according to claim 10, wherein there are two R groups as Cl and one R group as OH.

25 16. Oral care composition according to claim 15, wherein the two Cl groups are in positions 3 and 5 while the OH group is in position 6.

17. Oral care composition comprising a compound of Formula
30 (4)

- 20 -



Formula (4),

wherein:

5

R is a group independently selected from the group consisting of: -OH, C(O)OC₁₋₁₆ alkyl and z is from 1 to 5;

10

R' is selected from the group consisting of: H, -OH, F, Cl, Br, I, and C₁-C₆ alkyl and n is an integer of from 0 to 12;

wherein X is -C(O)O-R'' and R'' is -C₁₋₁₆ alkyl or -CH₂C₆H₆.

15

18. Oral care composition according to claim 17, wherein R'' is a substituted or unsubstituted branched or straight chain hydrocarbon moiety comprising from 1 to 16 and especially from 1 to 8, more preferably 3 to 4 carbon atoms.

20

19. Oral care composition according to claim 17, wherein R'' is n-butyl.